



BSI Standards Publication

**Plastics — Determination of melting behaviour
(melting temperature or melting range) of
semi-crystalline polymers by capillary tube
and polarizing-microscope methods**

National foreword

This British Standard is the UK implementation of EN ISO 3146:2022. It is identical to ISO 3146:2022. It supersedes BS EN ISO 3146:2000, which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee PRI/21, Testing of plastics.

A list of organizations represented on this committee can be obtained on request to its committee manager.

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European foreword

This document (EN ISO 3146:2022) has been prepared by Technical Committee ISO/TC 61 "Plastics" in collaboration with Technical Committee CEN/TC 249 "Plastics" the secretariat of which is held by NBN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by September 2022, and conflicting national standards shall be withdrawn at the latest by September 2022.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN ISO 3146:2000, EN ISO 3146:2000/AC:2003.

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Endorsement notice

The text of ISO 3146:2022 has been approved by CEN as EN ISO 3146:2022 without any modification.

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Foreword

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This document was prepared by Technical Committee ISO/TC 61, *Plastics*, Subcommittee SC 5, *Physical-chemical properties*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 249, *Plastics*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This fourth edition cancels and replaces the third edition (ISO 3146:2000), which has been technically revised. It also incorporates the Technical Corrigendum ISO 3146:2000/Cor 1:2002.

The main changes compared to the previous edition are as follows:

- the specifications of the apparatus and measurement procedure have been revised;
- the table of calibration standards has been revised by adding further entries, synonyms and CAS numbers of organic chemicals, correcting errors and modifying melting temperatures according to added references.

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